



Sandia National Laboratories

We are seeking an exceptional graduate (MS or PhD) student to aid in the development of Magnetoencephalography systems using optically pumped magnetometers (OPM).

Qualifications We Require

- A BS in Physics, Electrical Engineering, or related fields
- Experience in more than one of the following areas: electromagnetics, computer control of experiments, mechanical design, magnetoencephalography, atomic physics, diode laser systems, optics, and optical alignment.
- Currently enrolled in a graduate program

Qualifications We Desire

- Experience with laser and optical systems.
- Experience with Solidworks, LabView, Zemax, and Matlab.
- Experience with data acquisition, signal processing, and data analysis.
- Exemplary academic record.
- Excellent communication skills, written and oral.
- Excellent collaboration skills for working in a team environment.

Interested students please contact Dr. Schwindt

(pschwin@sandia.gov) and Dr. Borna (aborna@sandia.gov).